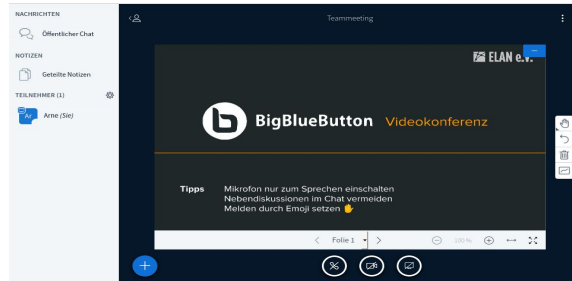# Recording with BBB + Opencast

Overview

- Integration: Automatically send recordings from BBB to Opencast
    - 2 Options
    - Advantages and Disadvantages
    - What is sent to Opencast
- BBB + Opencast + Frontend
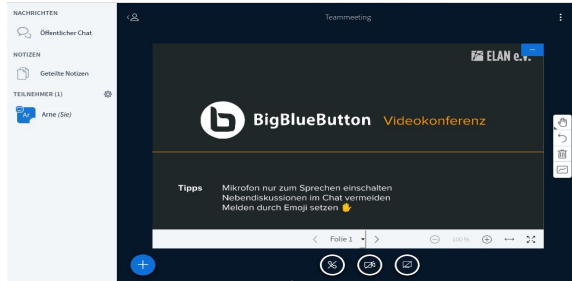   - Example StudIP

Recordings in BBB

Archive

Process

Publish

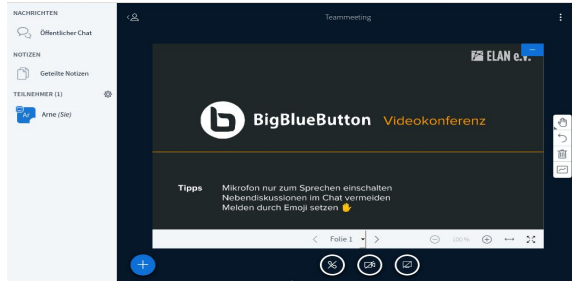# Option #1: Post-Publish

Archive

↓

Process

↓

Publish

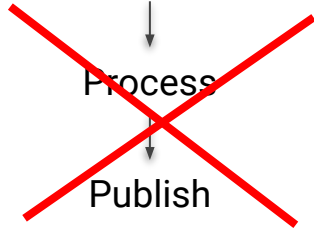HTTP-Ingest

Opencast API

↓

Standard Workflow

↓

Veröffentlichung

Option #2: Post-Archive

HTTP-Ingest

Archive

Process

Publish

Opencast API

Spezieller Workflow!

Veröffentlichung

Advantages & Disadvantages

Option #1: Post-Publish

- Easy
- Load is on the BBB server

Advantages & Disadvantages

Option #1: Post-Publish

- Easy
- Load is on the BBB server

Option #2: Post-Archive

- Load is on the OC server
- A bit more prone to errors

https://github.com/elan-ev/opencast-bigbluebutton-integration

What is getting sent?

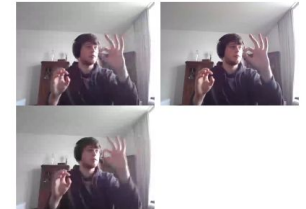#1 Post-Publish

- Audio

#2 Post-Archive

- Audio

What is getting sent?

#1 Post-Publish
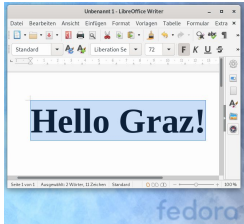
- Audio
- Webcams

#2 Post-Archive
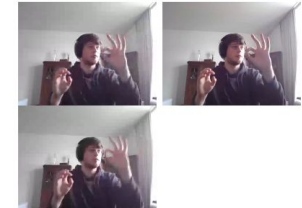
- Audio
- Webcams (from OC 9.1)

What is getting sent?

#1 Post-Publish

- Audio
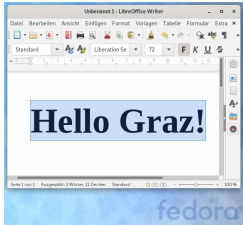- Webcams
- Screenshare

#2 Post-Archive

- Audio
- Webcams (from OC 9.1)
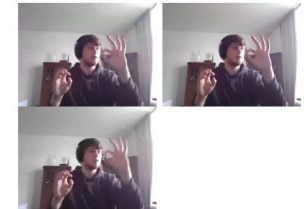- Screenshare

What is getting sent?

#1 Post-Publish

- Audio
- Webcams
- Screenshare
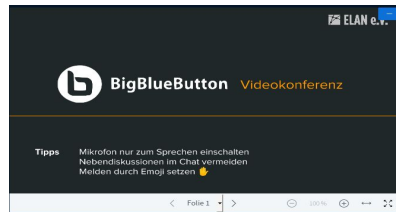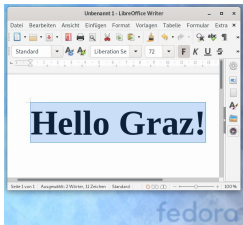- Auto-Cutting

#2 Post-Archive

- Audio
- Webcams (from OC 9.1)
- Screenshare
- Auto-Cutting (from OC 9.2)

What is getting sent?

#1 Post-Publish

- Audio
- Webcams
- Screenshare
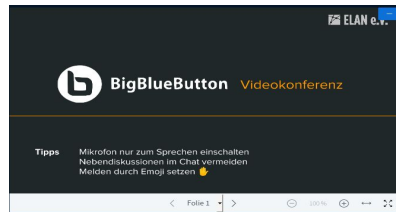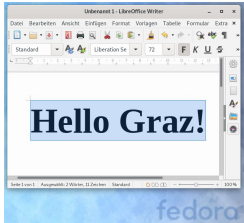- Auto-Cutting

#2 Post-Archive

- Audio
- Webcams (from OC 9.1)
- Screenshare
- Auto-Cutting (from OC 9.2)
- Presentation

What is getting sent?

#1 Post-Publish

- Audio
- Webcams
- Screenshare
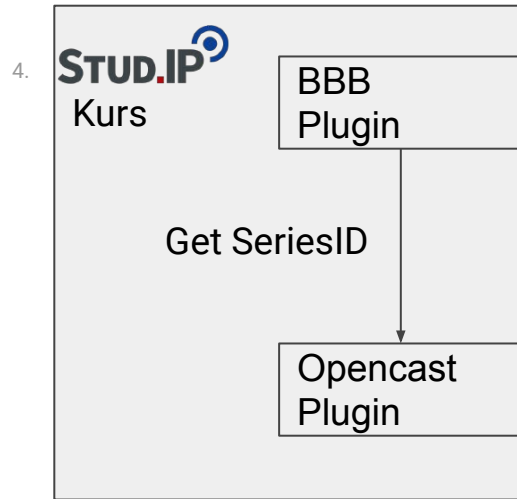- Auto-Cutting

#2 Post-Archive

- Audio
- Webcams (from OC 9.1)
- Screenshare
- Auto-Cutting (from OC 9.2)
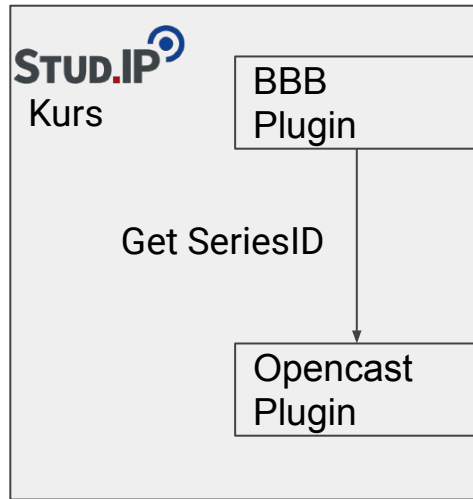- Presentation
- Chat (as subtitles)
- Shared Notes

What is missing?

- Chat as subtitles is suboptimal
- Shared Notes "exist"
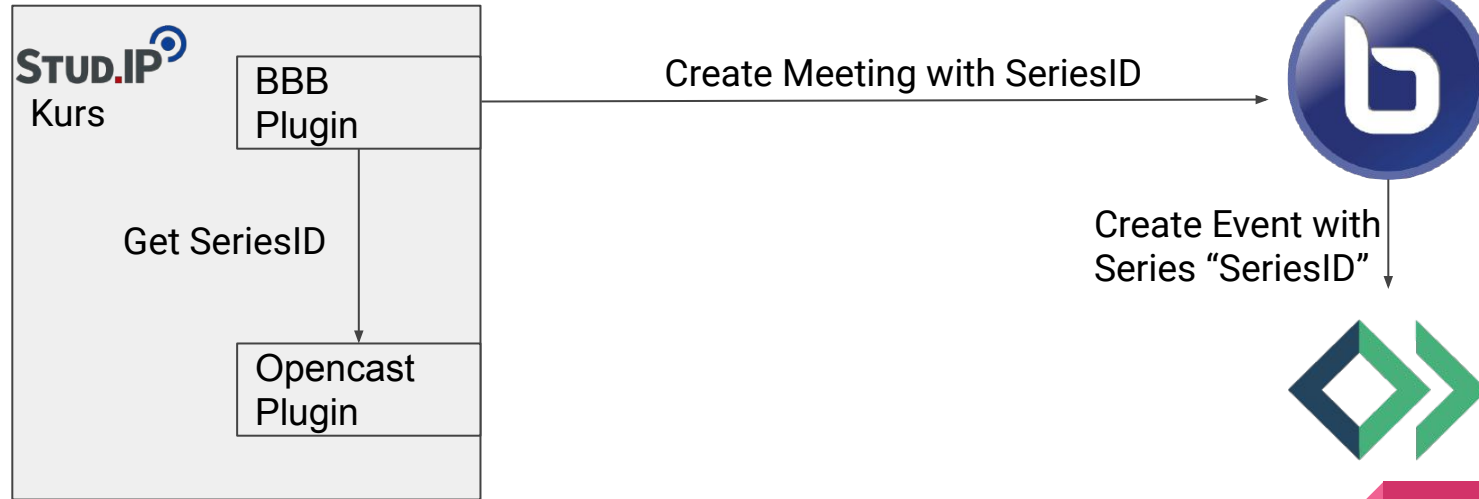- No annotations on the slides at all

BBB + OC + Frontend

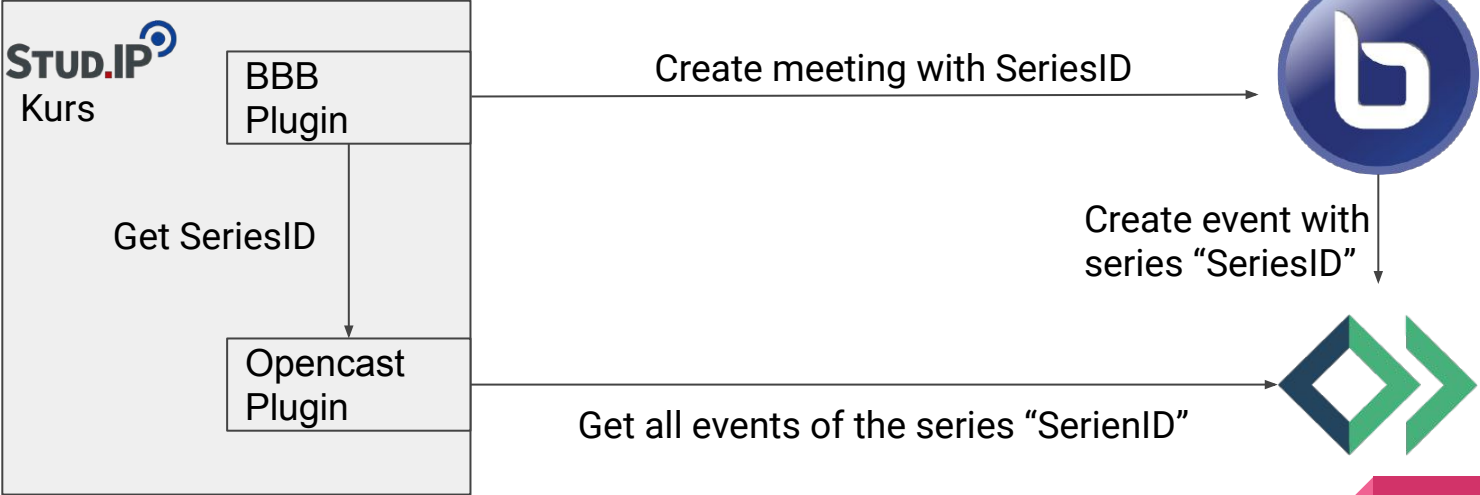# BBB + OC + Frontend

STUD.IP
Kurs

BBB
Plugin

Create Meeting with SeriesID

Get SeriesID

Opencast
Plugin

BBB + OC + Frontend

Kurs

BBB Plugin

Get SeriesID

Opencast Plugin

Create Meeting with SeriesID

Create Event with Series "SeriesID"

BBB + OC + Frontend

Links & Info

- E-Mail: wilken@elan-ev.de
- Integration on Github: https://github.com/elan-ev/opencast-bigbluebutton-integration

Thank you for listening